

Technical Properties: PLYFORM ABS FR – V0			
Construction:	Multi-layer or mono-layer fire retardant grade ABS		
Edition / Date:	2 / 31-07-26		
Characteristics	Value*	Unit*	Test method*
PHYSICAL PROPERTIES			
Density	23°C	1.16	g/cm ³ ASTM D792
MECHANICAL PROPERTIES			
Tensile strength	400	Kg/cm ²	ASTM D638
Flexural strength	550	Kg/cm ²	ASTM D790
Elongation	20	%	ASTM D638
Izod impact strength (3.2mm)	25	Kg/cm ²	ASTM D256
THERMAL PROPERTIES			
Heat deflection temperature (18.6 kgf/cm ²)	82	°C	ASTM D648
BURNING BEHAVIOUR			
Flammability classification	V0		UL 94
DRYING			
Temperature	60 - 80	°C	General test method
Time	2 - 4	Hours	General test method
SHRINKAGE			
Shrinkage	0.4 – 0.7	%	ASTM D570

UL file number: *Yellow Card* safety and performance certification E65424

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